

What is claimed is:

1. A security feature, comprising:

a first covert layer comprising a first covert material that is not visible to a human eye under except under a first condition, the first covert layer further comprising a material constructed and arranged to produce, upon an attempted intrusion into any part of the security feature, a first effect that is visible at least under the first condition;

an optically variable layer comprising an optically variable material and having first and second sides, the first side being disposed adjacent the first covert layer, the optically varying layer being constructed and arranged to cover at least a portion of the first covert layer; and

a second covert layer disposed adjacent to the second side of the optically variable layer, the second covert layer being constructed and arranged to cover at least a portion of the optically variable layer, the second covert layer comprising a second covert material that is visible to the human eye only at a second condition.

2. The security feature of claim 1 wherein the first effect comprises at least one of damaging breaking, cracking, rupturing, splitting, fracturing, splintering, changing color, changing texture, shattering, and destroying, of the first layer upon an attempted intrusion into any part of the security feature.

3. The security feature of claim 1, wherein the second covert material comprises at least one of an infrared, an ultraviolet, and a thermachromic material.

4. The security feature of claim 1 wherein the second condition comprises at least one of predetermined wavelength of light in the infrared range, a predetermined wavelength of light in the ultraviolet range, and a predetermined temperature.

5. The security feature of claim 1 wherein the first covert material comprises at least one of an infrared pigment, an ultraviolet pigment, and a thermachromic pigment.

6. The security feature of claim 1 wherein the first condition comprises at least one of predetermined wavelength of light in the infrared range, a predetermined wavelength of light in the ultraviolet range, and a predetermined temperature.
- 5 7. The security feature of claim 1, wherein the optically variable material comprises a polymeric liquid crystal.
8. The security feature of claim 1, wherein the second covert layer comprises an adhesive selected to adhere the security feature to an identification document.
- 10 9. The security feature of claim 1 wherein the resultant security feature comprises first and second sides and, when viewed from a first side of the security feature, the optically variable layer substantially covers the first covert layer.
10. The security feature of claim 1 wherein the resultant security feature comprises first and second sides and, when viewed from a first side of the security feature, the second covert layer substantially covers the first optically variable layer.
- 15 11. The security feature of claim 9 wherein the resultant security feature comprises first and second sides and, when viewed from a first side of the security feature, the second covert layer substantially covers the first optically variable layer.
12. The security feature of claim 1 wherein at least one of the first covert layer, second covert layer, and optically variable layer further comprises at least one indicium.
- 20 13. The security feature of claim 1 wherein the first covert layer is operably coupled to the optically variable layer and is constructed and arranged such that an attempted intrusion into the first covert layer causes damage to at least one of the first covert layer and the optically variable layer.
14. The security feature of claim 1 wherein ADVANTAGE is used for at least one of the optically variable layer and the first covert layer.

15. The security feature of claim 1 wherein the first and second covert layers and the optically variable layer are constructed and arranged such that an attempted intrusion into the security feature causes damage to at least a portion of at least one layer of the first covert layer, second covert layer, and optically variable layer.
- 5 16. The security feature of claim 15 wherein the damage is substantially visible to the naked eye when the damaged layer is subject to an appropriate condition that normally would enable the naked eye to see the layer before the layer was damaged.
17. An identification document, comprising
- 10 a core layer having first and second sides;
- a security feature having first and second sides and having a first side operably coupled to the first side of the core layer, the security feature comprising:
- 15 a first covert layer comprising a first covert material that is not visible to a human eye under except under a first condition, the first covert layer further comprising a material constructed and arranged to produce a first effect that is visible at least under the first condition upon an attempted intrusion into the first covert layer;
- 20 an optically variable layer comprising an optically variable material and having first and second sides, the first side being disposed adjacent the first covert layer, the optically varying layer being constructed and arranged to cover at least a portion of the first covert layer; and
- 25 a second covert layer disposed adjacent to the second side of the optically variable layer, the second covert layer being constructed and arranged to cover at least a portion of the optically variable layer, the second covert layer comprising a second covert material that is visible to the human eye only at a second condition; and
- a first laminate layer operably coupled to the second side of the security feature.
18. The identification document of claim 17, wherein the core layer has at least one indicium formed thereon and the security feature is disposed so as to overlay at least a portion of the indicium.

19. The identification document of claim 18, wherein the indicium is at least one of a variable and a fixed indicium.
20. The identification document of claim 17 wherein the second covert layer comprises at least one of a laminate, an adhesive, and a coating capable of securing at least a portion of the security feature to the core layer.
21. The identification document of claim 17 wherein the laminate layer substantially seals the security feature to the core layer.
22. The security feature of claim 17 wherein the laminate, core layer, first and second covert layers and the optically variable layer are constructed and arranged such that an attempted intrusion into the security feature causes damage to at least a portion of at least one layer of the laminate layer, first covert layer, second covert layer, optically variable layer, and core layer.
23. The security feature of claim 17 wherein the core layer comprises at least one of polycarbonate, TESLIN, TYVEC, MYLAR, MELINEX, polyolefin, polyester, polycarbonate, polystyrene, cellulose ester, polyolefin, polysulfone, polyvinyl chloride (PVC), polyethylene, polypropylene, and polyamide, amorphous polymer, and biaxially oriented polymer.
24. The identification document of claim 17 wherein the laminate layer comprises at least one of polyester, polycarbonate, polystyrene, cellulose ester, polyolefin, polysulfone, polyvinyl chloride (PVC), polyethylene, polypropylene, and polyamide, amorphous polymer, and biaxially oriented polymer.
25. The identification document of claim 17, wherein the second covert material comprises at least one of an infrared pigment, an ultraviolet pigment, and a thermachromic pigment.

26. The identification document of claim 17 wherein the second condition comprises at least one of predetermined wavelength of light in the infrared range, a predetermined wavelength of light in the ultraviolet range, and a predetermined temperature.
27. The identification document of claim 17 wherein the first covert material comprises at least one of an infrared pigment, an ultraviolet pigment, and a thermachromic pigment.
28. The identification document of claim 17 wherein the first condition comprises at least one of predetermined wavelength of light in the infrared range, a predetermined wavelength of light in the ultraviolet range, and a predetermined temperature.
29. The identification document of claim 17, wherein the optically variable material comprises a polymeric liquid crystal.
30. A method of making an identification document, comprising:
providing a first laminate layer having first and second sides;
disposing the first side of a first covert layer having first and second sides adjacent to the first side of a the first laminate layer;
arranging the first side of an optically variable layer having first and second sides adjacent to the second side of the first covert layer;
placing the first side of a second covert layer having first and second sides adjacent to the second side of the optically variable layer;
aligning the first side of a core layer having first and second sides to the second side of the second covert layer; and
fixedly attaching together the first laminate layer, first covert layer, optically variable layer, second covert layer, and core layer.
31. The method of claim 31 further comprising forming at least one indicia on the core layer.

32. The method of claim 32 wherein the indicia is formed on the core layer before the core layer is fixedly attached to the other layers.

33. A security feature, comprising:

- 5 a first layer of ADVANTAGE material, the first layer having first and second sides; and
- a layer of infrared material coating at least the first side of the ADVANTAGE material.

34. An identification document, comprising:

- 10 a layer of ADVANTAGE material, the layer having first and second sides;
- a core layer having first and second sides;
- a layer of adhesive material applied to at least the first side of the layer of ADVANTAGE material and coupling at least a portion of the ADVANTAGE material to the first side of the core layer, the adhesive material comprising an infrared material; and
- 15 a substantially translucent layer of laminate disposed at the second side of the ADVANTAGE layer and along at least a portion of the first side of the core layer, the laminate substantially sealing the layer of ADVANTAGE to the core layer.

35. The identification document of claim 34, wherein the core layer further comprises an indicium formed thereon and wherein the layer of ADVANTAGE is positioned to
20 overlay at least a portion of the indicium.